AUG 2 8 2003 TECH CELLER 1600/2900

AUG 2 2 2003 SEQUENCE LISTING

<110> Wu, Horojianovi Crooke, Stanley T.

- <120> Human RNAse III And Compostions And Uses Thereof
- <130> ISIS5029/ISPH-0522
- <140> 09/900,425
- <141> 2001-07-06
- <160> 37
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Ile 305	Glu	Tyr	Arg	Trp	Pro 310	Ala	Cys	Val	Asp	Gly 315	Ala	Gly	Gly	Ser	Ala 320
Glu	Gly	Tyr	Val	Ile 325	Ala	Cys	Ile	Phe	Asn 330	Gly	Lys	Glu	Val	Ala 335	Arg
Ala	Trp	Gly	Ala 340		Gln	Lys	Asp	Ala 345	Gly	Ser	Arg	Ala	Ala 350	Met	Gln
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Glu	Phe	Leu	Gly	Asp 245	Ser	Ile	Leu	Asn	Ser 250	Val	Met	Thr	Leu	Ile 255	Ile
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Ala	Thr	Arg 355	Asn	Gln	Val	Ala	Leu 360	Glu	Lys	Thr	Asp	Lys 365	Leu	Asp	Met
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Asp Glu Ile Ser Pro Gly Asp Lys Gln Lys Asp Pro Lys Thr Arg Leu

155 160 Gln Glu Tyr Leu Gln Gly Arg His Leu Pro Leu Pro Thr Tyr Leu Val 165 170 Val Gln Val Arg Gly Glu Ala His Asp Gln Glu Phe Thr Ile His Cys 180 185 Gln Val Ser Gly Leu Ser Glu Pro Val Val Gly Thr Gly Ser Ser Arg 200 Arg Lys Ala Glu Gln Ala Ala Glu Gln Ala Leu Lys Lys Leu Glu 210 215 Leu Glu 225 <210> 7 <211> 11 <212> PRT <213> Homo sapiens <400> 7 His Asn Glu Arg Leu Glu Phe Leu Gly Asp Ser 5 10 <210> 8 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Synthetic <400> 8 atccctttct tccgcatgtg 20 <210> 9 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Synthetic <400> 9 gccaaggcgt gacatgatat 20

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Pro Ser Leu Glu Glu Gly Gly Leu Ala Thr Tyr Arg Thr Ala Ile Val
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Phe Met Leu Tyr Ala His Gly Pro Asp Leu Cys Arg Glu Ser Asp Leu
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Arg His Ala Met Ala Asn Cys Phe Glu Ala Leu Ile Gly Ala Val Tyr
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135

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Pro	Leu	Gln	Leu 180	Gln	Glu	Pro	Asn	Thr 185	Asp	Arg	Gln	Leu	Ile 190	Glu	Thr
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Ile	Phe 210	Thr	His	Val	Arg	Leu 215	Leu	Ala	Arg	Ala	Phe 220	Thr	Leu	Arg	Thr
Val 225	Gly	Phe	Asn	His	Leu 230	Thr	Leu	Gly	His	Asn 235	Gln	Arg	Met	Glu	Phe 240
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His	Phe	Pro	Asp 260	His	His	Glu	Gly	His 265	Leu	Thr	Leu	Leu	Arg 270	Ser	Ser
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Tyr	Thr	Asp	Lys	Asp 325	Leu	Glu	Tyr	Val	His 330	Thr	Phe	Met	Asn	Val 335	Cys
Phe	Phe	Pro	Arg 340	Leu	Lys	Glu	Phe	Ile 345	Leu	Asn	Gln	Asp	Trp 350	Asn	Asp
Pro	Lys	Ser 355	Gln	Leu	Gln	Gln	Cys 360	Cys	Leu	Thr	Leu	Arg 365	Thr	Glu	Gly

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Ser His Ala Arg Thr Tyr Thr Val Ala Val Tyr Phe Lys Gly Glu Arg 385 390 395 400

Ile Gly Cys Gly Lys Gly Pro Ser Ile Gl
n Gl
n Ala Glu Met Gly Ala 405 410 415

Lys Arg Phe Ile Gly Arg Lys Tyr Arg Gln Glu Leu Lys Glu Met Arg 435 440 445

Trp Glu Arg Glu His Gln Glu Arg Glu Pro Asp Glu Thr Glu Asp Ile 450 455 460

Lys Lys 465